



TÂM NHÌN TOÀN CẦU
SỨ MỆNH DẪN ĐẦU

GRANDO ALUMINUM FACTORY

DO THANH ALUMINUM JOINT STOCK COMPANY

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Hotline: 1900 0399

Website: www.grando.vn





General introduction

DO THANH ALUMINUM JOINT STOCK COMPANY

Do Thanh Aluminum Joint Stock Company was established in 1994, with the brand Grando Aluminum. The enterprise has 30 years of experience in the field of producing shaped aluminum bars and billet aluminum billets in Vietnam.

With a modern, synchronous production line system that meets international standards, the unit annually supplies domestic and international markets with an output of up to 60,000 tons, becoming one of 5 manufacturing factories. High-quality aluminum profile bars with the leading large scale in Vietnam.

30 year

Formation and development

~300.000 m2

Total area of 3 factories

50 million USD

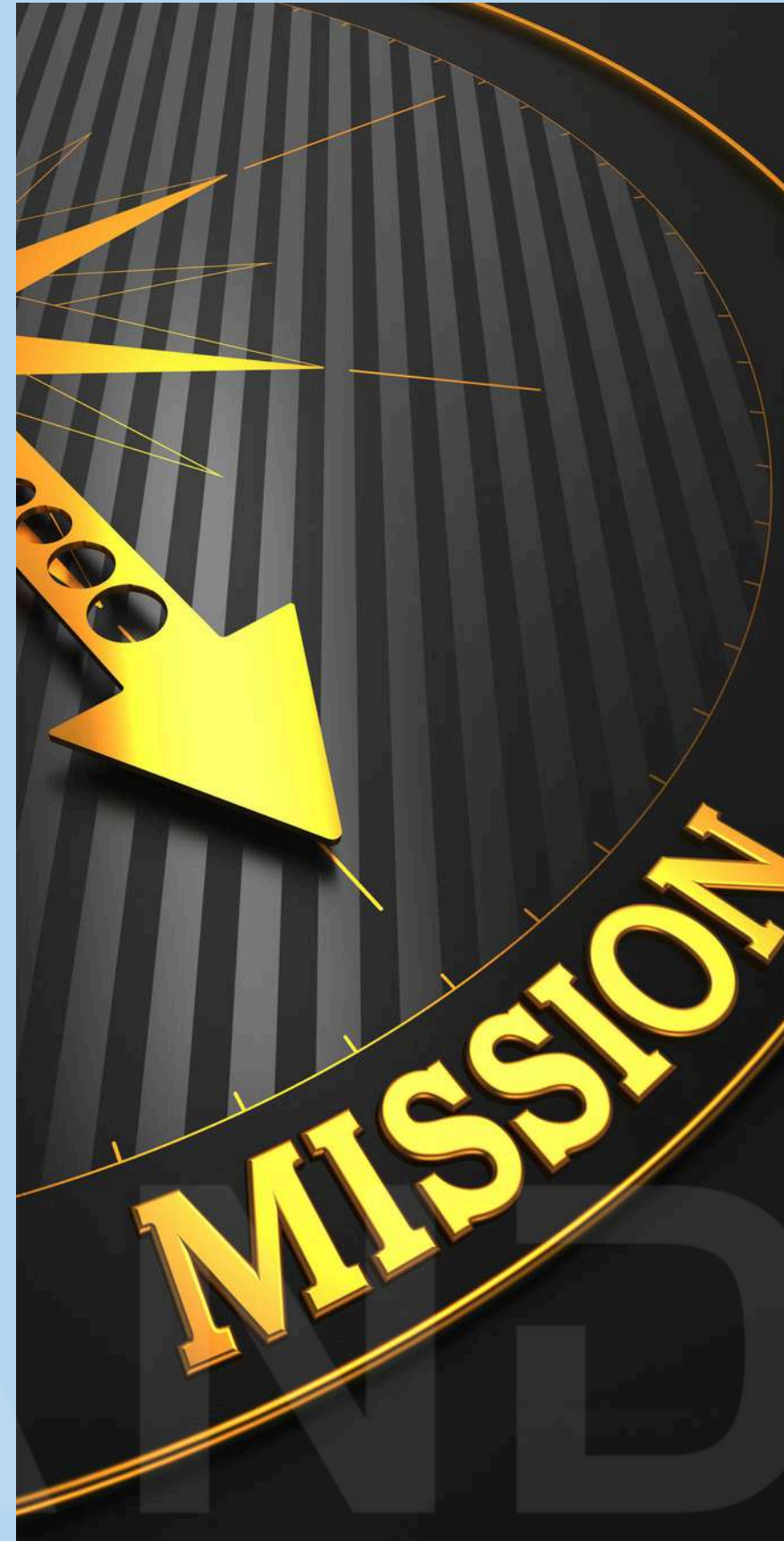
Total charter capital

+ 500 Personnel

Staff throughout the
system

VISION

Become the leading aluminum profile manufacturer in Vietnam and the region.



MISSION

Grando leads the market with advanced technology and outstanding quality, providing high-quality aluminum products suitable for high-class projects.

30 YEARS OF HISTORY OF FORMATION AND DEVELOPMENT GRANDO ALUMINIUM



CERTIFICATE AWARDS



VIETNAM VALUE 2024

Over 30 years of establishment and development, Do Thanh Aluminum has achieved hundreds of awards and certificates from prestigious organizations and units.

CERTIFICATE AWARDS



FAST500

TOP 500 FASTEST GROWING
ENTERPRISES VIET NAM 2024



ASEAN STRONG BRANDS 2024

Top 10 ASEAN STRONG BRANDS 2024



ASEAN TYPICAL LEADER 2024

CEO Nguyen Thai Son
ASEAN TYPICAL LEADER 2024



ISO 9001:2015

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PRODUCTION CAPACITY

Factory No. 3: Hung Yen
Address: (under construction)
Scale: 50,000m2
Capacity: expected 50,000 tons of
aluminum bars/year



Factory No. 2: Gia Loc - Hai Duong
Address: Gia Loc Industrial Park, Hai
DuongScale: 90,000m2
Capacity: 70,000 tons Billet/year and
30,000 tons of aluminum bars/year



Factory No. 1: Gia Lam - Hanoi
Address: Phu Thi Industrial Park, Gia Lam,
Hanoi Scale: 60,000m2
Capacity: 60,000 tons of aluminum
bars/year

MODERN PROFESSIONALLY INVESTED FACTORY SYSTEM - ENSURE PRODUCT SUPPLY ABILITY TO REGIONAL AND INTERNATIONAL

Do Thanh Aluminum Joint Stock Company is a pioneer in investing in modern production lines and technologies in the world; imported directly from abroad. The factory has the top automation rate in the country in the aluminum profile manufacturing industry, with environmentally friendly production systems, ensuring safety in production and fuel economy.

MODERN PRODUCTION LINE

PIONEER IN UPDATING AND APPLYING NEW TECHNOLOGY

Do Thanh Aluminum Joint Stock Company is a pioneer in investing in modern production lines and technologies in the world; imported directly from abroad.

It is a factory with the top automation rate in the country in the aluminum profile production industry, with environmentally friendly production systems, ensuring safety in production and saving fuel.



MODERN PRODUCTION SYSTEM

With a system of 4 Billet furnaces, 15 extrusion lines (800T, 1100T, 1250T, 1500T, 1800T), 4 sandblasting machines, 2 anode plating lines, 4 processing lines and many other auxiliary systems, solar aluminum panel edge output: **4,000 tons/month**



MODERN BILLET PRODUCTION LINE

Do Thanh Aluminum is a pioneer in the innovative conversion of the traditional combustion system to a thermal energy recovery and combustion system. The low energy consumption and short combustion cycle characteristics are in line with the energy saving policy, this new system significantly reduces costs and improves production efficiency.

Simultaneous hot casting and pouring help to distribute the metal components inside the aluminum bar evenly and improve the quality of the extruded aluminum bar, ensuring a higher success rate for high precision and complex extruded aluminum panels.



MODERN BILLET PRODUCTION LINE

With a system of 4 large, modern Billet furnaces, supplying the market with up to **70,000 tons of billet/year.**



MODERN SOLAR ALUMINUM EXTRUSION LINE



MODERN EXTRUSION LINE SYSTEM

With the investment in equipping a system of 15 extrusion lines (800T, 1100T, 1250T, 1500T, 1800T), typically the **YPL 1500** extrusion machine system with large capacity and modern technology, Do Thanh Aluminum is capable of supplying solar aluminum panel edge output: **4,000 tons/month**



MODERN SANDBLASTING LINE

PIONEER IN UPDATING AND APPLYING NEW TECHNOLOGY

Do Thanh Aluminum Joint Stock Company is a pioneer in investing in modern production lines and technologies in the world; imported directly from abroad.

It is a factory with the top automation rate in the country in the aluminum profile production industry, with environmentally friendly production systems, ensuring safety in production and saving fuel.



MODERN SANDBLASTING LINE SYSTEM

With a system of 4 **JX1308A** sandblasting machines with strong spray pressure to clean metal surfaces quickly and effectively. The large spray chamber size allows the equipment to have higher application capabilities, cleaning more diverse products.



ANODE PLATING LINE



MODERN ANODE PLATING LINE SYSTEM

Do Thanh Aluminum focuses on investing in a 2-anode plating line with a capacity of up to more than **4,000 tons/month**.



SOLAR FRAME AUTOMATIC MACHINERY SYSTEM



SOLAR FRAME AUTOMATIC MACHINERY SYSTEM

The system of automatic processing lines with large capacity and modern technology helps Do Thanh Aluminum to be able to provide solar aluminum panel edge output: **4,000 tons/month**

- Processing speed: **3.4 seconds/product**
- Production capacity for one shift: **≥9000 products/10.5 hours**



PROCESS OF PRODUCTION OF SOLAR ALUMINUM FOR EXPORT



1

IMPORTED INGOTS FROM
AUSTRALIA, INDIA,
MALAYSIA, INDONESIA,...



3

HEATING AND SOFTENING
ALUMINUM BILLET TO THE
REQUIRED TEMPERATURE

Equipment used:

- Heating furnace for automatic cutting of aluminum bars
- Energy saving
- Environmental protection

2

ALUMINUM BILLET
PRODUCTION

Note:

Billet Aluminum is processed at
Hung Phat Holding Group



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EXTRUDED

Equipment used:

- Aluminum extrusion machine XK-700MT (70Kw/3phase, 380v/50Hz)
- Aluminum extrusion machine XK-1400MT (220KW/3phase, 380v/50Hz)
- Aluminum extrusion mold heating furnace
- Aluminum profile drawing machine KH:600T
- Aluminum extrusion machine used in aluminum profile production XK-800MT
- Hydraulic aluminum extrusion machine used in aluminum profile production XK-1100MT



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CUT AUTOMATICALLY

Equipment used:

- YB-E125/50 aluminum bar milling machine (380v-22KW)
- YL6.48 aluminum bar milling machine (380v-11.77KW)



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INCREASE HARDNESS

Equipment used:

- JYHF-6 aluminum billet hardening furnace voltage (380v-44.4kw)
- Aluminum hardening furnace



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SAND BLASTING - ANODE
PLATING

Equipment used:

- Chromate tank of plating workshop
- Aluminum plating equipment system
- Imported plating tank equipment
- Sand blasting machine for cleaning aluminum bars
- Aluminium bar drying oven with capacity of 1973 M3/h, 5.5kw, 380v



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MACHINING

Equipment used:

- Automatic processing line system.
- Processing speed: 3.4 seconds/product
 - Production capacity per shift: ≥9000 products/10.5 hours



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QUALITY CONTROL

Equipment used:

- Webster hardness tester
- Mitutoyo digital caliper
- INSIZE angle gauge
- Moore and Wright angle gauge
- Defelsko coating thickness gauge



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PACKING AND
WAREHOUSING

Equipment used:

- Logo pasting machine
- 80 ton scale
- Heat sealing packaging machine
- Adhesive tape pasting machine



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EXPORT
TO MARKETS: USA, ITALY,
AUSTRALIA, RUSSIA,
CAMBODIA,...



COMPETENCE COMPETITION

100% PRIVATE ENTERPRISE

Do Thanh Aluminum is the first **100%** private enterprise in Vietnam. Inheriting the best policies on production and export.



PROFESSIONAL STAFF

Do Thanh Aluminium owns a team of more than **500** professionally trained staff.

GRANDO
PREMIUM ALUMINIUM



PRODUCTION COMBINED WITH GREEN ENERGY SOLUTIONS

The entire factory system at Do Thanh Aluminum is invested in installing rooftop solar power systems to help self-produce electricity, reduce dependence on traditional fossil fuel energy, and contribute to implementing international commitments on reducing greenhouse gas emissions.

AS A LEADING ALUMINUM FACTORY IN VIETNAM WITH 30 YEARS OF EXPERIENCE

Do Thanh Aluminum Factory has demonstrated its solid position in the Vietnamese aluminum industry and strives to reach international markets such as the US, Europe ... with a diverse product system.

The main product is the solar panel frame with a solid structure to mount the panel in the right position. The extruded aluminum parts have good hardness and can withstand high force and load from strong winds and external forces.
Warranty up to 25 years.

COMPETENCE COMPETITION



QUALITY CONTROL EQUIPMENT SYSTEM



PROFESSIONAL STAFF

PROFESSIONAL STAFF - QUALITY MEASURING AND TESTING EQUIPMENT SYSTEM

Do Thanh Aluminum owns a team of more than **500** professionally trained staff.

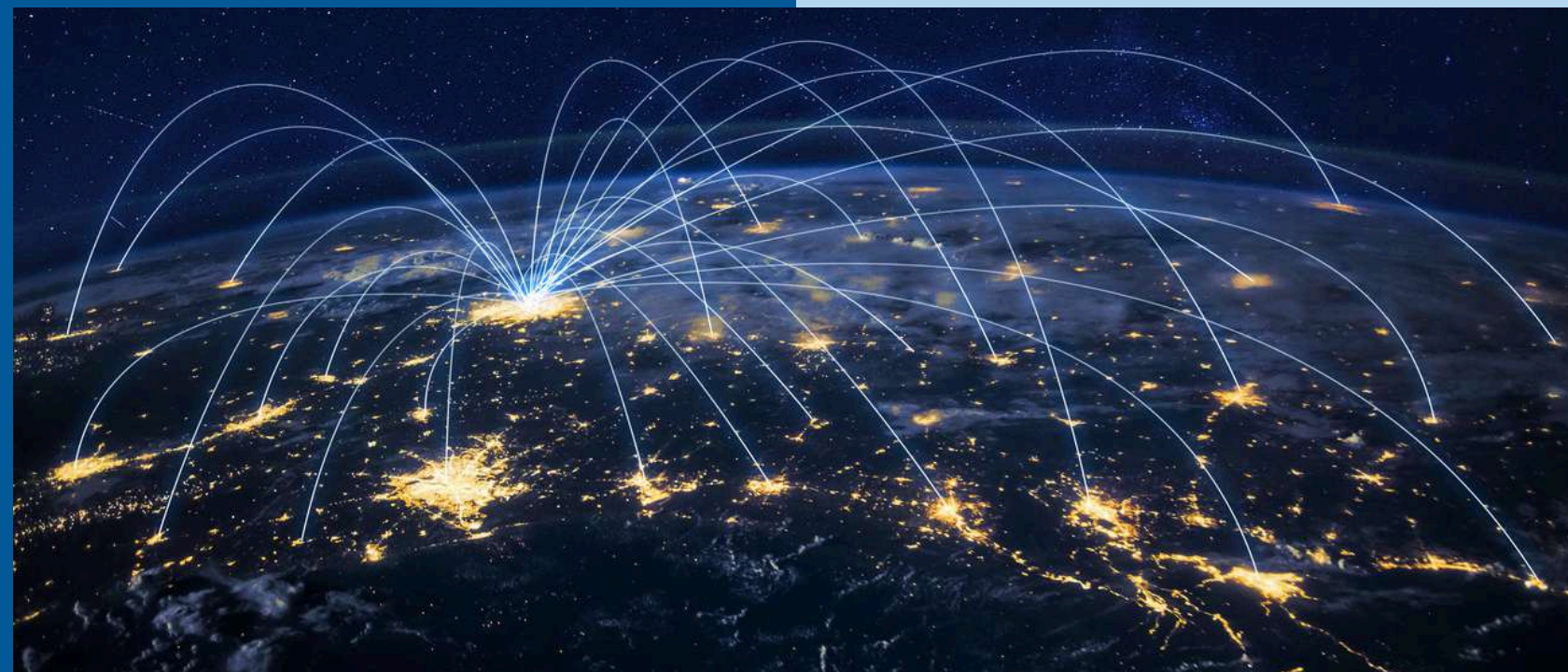
Along with that, Do Thanh Aluminum focuses on investing in modern, quality measuring and testing equipment systems to detect and eliminate errors in the production process early, helping to bring to the market the best quality products.

COMPETENCE COMPETITION

LAS A MEMBER OF THE VIETNAM ALUMINUM ASSOCIATION

Ms. **Le Anh Tuyet** is currently the Vice President of the **Vietnam Aluminum Profile Association**.

Do Thanh Aluminium plays a pioneering role in the aluminum industry.



REGIONAL AND INTERNATIONAL DISTRIBUTION NETWORK

- Currently, the distribution system of Nhom Do Thanh spans across 63 provinces and cities.
- Exporting to the US, Australia, Russia, Southeast Asia,...

GRANDO
PREMIUM ALUMINIUM

INVESTING AND OWNING THE FIRST MODERN CLOSED PRODUCTION PROCESS IN VIETNAM.

With the most advanced modern production line system in the country along with a closed production process from input materials to finished products, Grando Aluminium is always confident in affirming that it provides the market with the best quality products at the most reasonable prices for customers.

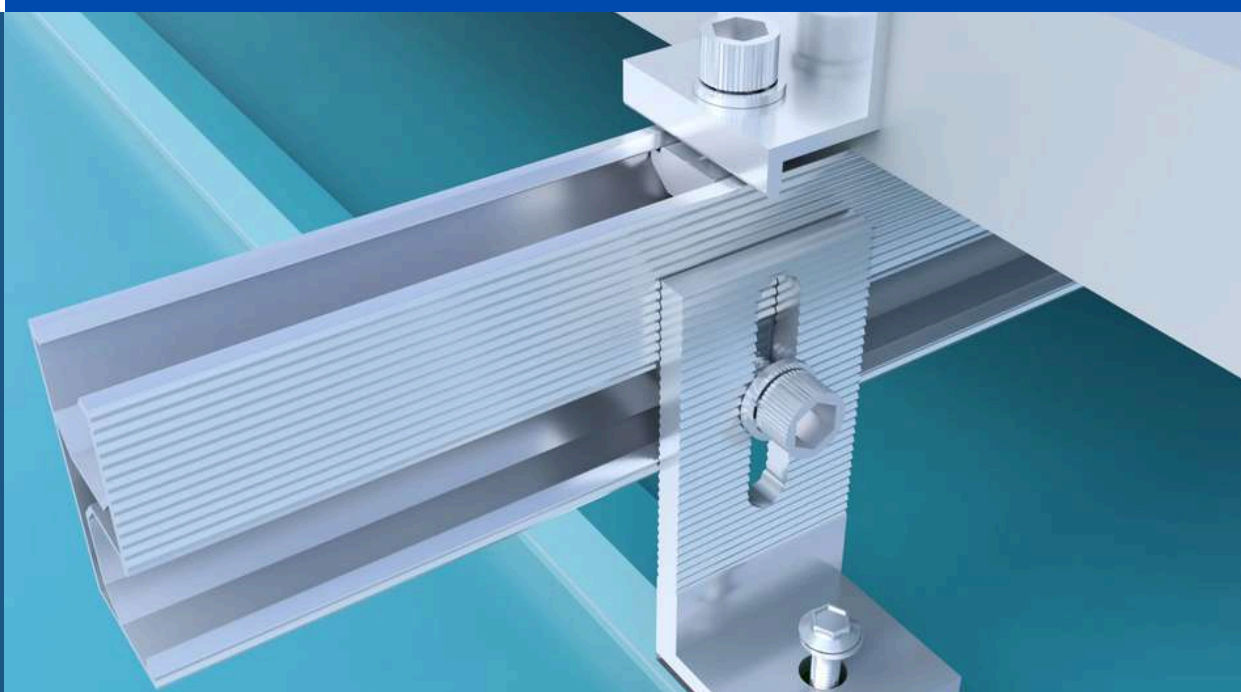


FRAME SOLAR BATTERY

Grando Solar Aluminum Solar Panel
Frame

SOLAR ALUMINUM RAIL

Solar aluminum rail system



ACCESSORY SYSTEM ALUMINUM SOLAR BRACKET

Solar panel rack aluminum system
and accessories



PRODUCTS SOLAR ALUMINUM

GRANDO
PREMIUM ALUMINIUM

PRODUCT SYSTEM

SOLAR PANEL TILE ROOF BRACKET

Grando Aluminium's solar panel tile roof bracket system is specifically designed for tile roofs. With its substantial loading capacity and easy, flexible installation, the system ensures safe and effective operation.

- Material: AL6005-T5 aluminum
- Surface: Anodized
- Corrosion resistance: Good
- Color: Black, Silver



SOLAR PANEL METAL ROOF BRACKET

Grando Aluminium's solar panel metal roof system is ideal for mounting solar panels on homes of various sizes, including small, medium, and large scales. Its easy disassembly feature not only saves time but also reduces costs, offering optimal convenience to users.

- Material: AL6005-T5 aluminum
- Surface: Anodized
- Corrosion resistance: Good
- Color: Black, Silver

PRODUCT SYSTEM

GROUND SOLAR BRACKET

Grando Aluminium's ground-mounted solar panel bracket system is crafted from high-quality aluminium alloy material, enhancing the product's aesthetic appeal. The use of durable and lightweight materials facilitates easy disassembly and transportation, leading to significant cost savings for customers.

- Material: AL6005-T5 aluminum
- Surface: Anodized
- Corrosion resistance: Good



SOLAR PANEL GARAGE ROOF BRACKET

Grando Aluminium's Solar panel garage roof bracket systems can be easily customized to meet each project's requirements. The panels will be attached directly to the rail system, forming a car roof instead of other conventional roofs. This striking design solution is suitable for most homes and car parks.

- Material: AL6005-T5 aluminum
- Surface: Anodized
- Corrosion resistance: Good
- Color: Black, Silver



SOLAR PANEL GARAGE ROOF BRACKET

Renewable energy projects in
parking areas

ROOFTOP SOLAR SYSTEM

Rooftop solar power systems in
factories and workshops



GROUND SOLAR BRACKET

Power systems at renewable power
plants on the hills



FEATURED PROJECTS

GRANDO
PREMIUM ALUMINIUM



30 | TÂM NHÌN TOÀN CẦU
SỨ MỆNH DẪN ĐẦU

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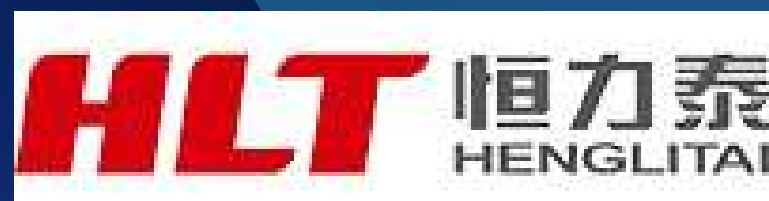
POSITION & MARKET SHARE

Grando's business and market network spans key locations across the country and expands internationally to the US and European markets.

Over 500
Distribution Points



63
Provinces






Thank You

Grando Aluminium

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